



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

Verification Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21

Institute Name: S.C.M.S. School of Engineering Technology [ARI-C-11658]

List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Department of Automobile Engineering	Academic Department with lab facility	Automobile Engineering	UG / PG / PhD	Technical	119	7	2
2	Department of Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	290	30	5
3	Department of Electronics and Communication Engineering	Academic Department with lab facility	Electronics & Communication Engineering	UG / PG / PhD	Technical	151	21	4
4	Department of Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	406	26	11
5	Department of Electrical and Electronics Engineering	Academic Department with lab facility	Electrical & Electronics Engineering 30 seats	UG / PG / PhD	Technical	113	10	3
6	Department of Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	363	26	9
7	SSET Ideation and Prototyping centre	Pre-incubation unit	Idea lab	UG / PG / PhD	Technical	20	2	1

Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	NO	Not Required
Trained Innovation Ambassadors at HEI	NO	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?								
1	AUTO WORKS HOP 3.0	Innovation	Workshop	Student Lead Activity	Department of Automobile Engineering	26-09-2019 00:00:00	27-09-2019 00:00:00	2	Within Campus	21	0	24	0	45	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1. Best Mentor 2 .Best Participant</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>1. Best Mentor 2 .Best Participant</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	1. Best Mentor 2 .Best Participant	Title of Innovation / Start-up Secured the Award / Recognition	1. Best Mentor 2 .Best Participant	Award/Recognition/Achievement Received for			
Award / Position / Recognition Secured	1. Best Mentor 2 .Best Participant																							
Title of Innovation / Start-up Secured the Award / Recognition	1. Best Mentor 2 .Best Participant																							
Award/Recognition/Achievement Received for																								
2	Workshop on Raspberry Pi and Python Programming	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	28-10-2019 00:00:00	29-10-2019 00:00:00	2	Within Campus	32	0	10	0	42	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>36740</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	36740	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Performer</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Performer</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	Best Performer	Title of Innovation / Start-up Secured the Award / Recognition	Best Performer	Award/Recognition/Achievement Received for	
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	36740																							
Award / Position / Recognition Secured	Best Performer																							
Title of Innovation / Start-up Secured the Award / Recognition	Best Performer																							
Award/Recognition/Achievement Received for																								
3	QGIS WORKS HOP	Innovation	Workshop	Institute Lead Activity	CIVIL ENGINEERING	26-09-2019 00:00:00	27-09-2019 00:00:00	2	Within Campus	42	0	27	0	69	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>13800</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13800	No						
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13800																							

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

4	Idea Pitching Competition	Innovation	Ideation	Institute Lead Activity	ALL DEPARTMENTS	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>BEST IDEA PRESENTED</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>BEST IDEA PRESENTED</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	BEST IDEA PRESENTED	Title of Innovation / Start-up Secured the Award / Recognition	BEST IDEA PRESENTED	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	BEST IDEA PRESENTED																					
Title of Innovation / Start-up Secured the Award / Recognition	BEST IDEA PRESENTED																					
Award/Recognition/Achievement Received for																						
5	BIM Design Challenge- Formit 360 and Dynamo	Innovation	Workshop	Institute Lead Activity	CIVIL-IEDC	09-03-2020 00:00:00	10-03-2020 00:00:00	2	Within Campus	30	0	0	0	30	No	No						
6	National Conference on Recent Trends in Electrical Engineering & Technology	Innovation	Conference	Institute Lead Activity	ELECTRICAL AND ELECTRONICS ENGG DEPT	04-07-2019 00:00:00	05-07-2019 00:00:00	2	Within Campus	40	12	13	1	66	No	No						
7	Workshop on Future Technologies	Innovation	Workshop	Institute Lead Activity	MECHANICAL ENGINEERING DEPT	15-10-2019 00:00:00	16-10-2019 00:00:00	2	Within Campus	250	0	6	0	256	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>FIRST PRIZE</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Makeathon competition for walking mechanism</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	FIRST PRIZE	Title of Innovation / Start-up Secured the Award / Recognition	Makeathon competition for walking mechanism	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	FIRST PRIZE																					
Title of Innovation / Start-up Secured the Award / Recognition	Makeathon competition for walking mechanism																					
Award/Recognition/Achievement Received for																						
8	Expert talk on Start-up Entrepreneurship and Innovation	Innovation	Motivational speak	Institute Lead Activity	MECHANICAL ENGINEERING DEPT	06-02-2020 00:00:00	06-02-2020 00:00:00	1	Within Campus	91	0	0	0	91	No	No						
9	Expert talk on HVAC	Innovation	Seminar	Institute Lead Activity	MECHANICAL ENGINEERING DEPT	04-02-2020 00:00:00	04-02-2020 00:00:00	1	Within Campus	40	0	0	0	40	No	No						

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research						
1	DISMANTLING AND REBUILDING OF AUTOMOTIVE COMPONENTS	Innovation	Workshop	SAEINDIA COLLEGIATE CLUB OF SCMS	Educational Institute	01-07-2019 00:00:00	05-07-2019 00:00:00	5	5	5	10	Yes	BEST PARTICIPANT	BEST PARTICIPANT	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>BEST PARTICIPANT</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>BEST PARTICIPANT</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	BEST PARTICIPANT	Title of Innovation / Start-up Secured the Award / Recognition	BEST PARTICIPANT	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	BEST PARTICIPANT																					
Title of Innovation / Start-up Secured the Award / Recognition	BEST PARTICIPANT																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
2	INSIGHT INTO THE SYSTEMS OF KOCHI METRO	Innovation	Seminar	Department of Electronics and Communication Engineering , Department Association-EXPLORA	Educational Institute	29-01-2020 00:00:00	29-01-2020 00:00:00	1	100	15	115	No	---	---	No	No						
3	WORKSHOP ON BLOCKCHAIN ENABLING REVOLUTION	Innovation	Workshop	Department of Computer Science and Engineering	Educational Institute	27-08-2019 00:00:00	27-08-2019 00:00:00	1	54	0	54	No	---	---	No	No						
4	WORKSHOP ON INTRODUCTION TO BLOCKCHAIN	Innovation	Seminar	Department of Computer science and Engineering , Department Association-SYNERGY	Educational Institute	17-01-2020 00:00:00	17-01-2020 00:00:00	1	100	0	100	No	---	---	No	No						

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

5	TALK ON DATA SCIENCE	Innovation	Training	Department of Computer science and Engineering, Department Association-SYNERGY	Educational Institute	13-01-2020 00:00:00	14-01-2020 00:00:00	2	70	0	70	No	---	---	No	No
6	GET INTRODUCED WITH THE FLAVOURS OF PROGRAMMING THROUGH HC PLUS PLUS	Innovation	Workshop	Department of Computer science and Engineering, Department Association-SYNERGY	Educational Institute	10-10-2019 00:00:00	10-10-2019 00:00:00	1	104	0	104	No	---	---	No	No
7	MANGO DB	Entrepreneurship/Startup	Orientation Session	Department of Computer science and Engineering, Department Association-SYNERGY	Educational Institute	01-08-2019 00:00:00	01-08-2019 00:00:00	1	114	0	114	No	---	---	No	No
8	JOURNEY OF A WOMAN ENTREPRENEUR	Entrepreneurship/Startup	Orientation Session	Department of Electronics and Communication Engineering, Department Association EXPLORA	Educational Institute	27-07-2019 00:00:00	27-07-2019 00:00:00	1	30	15	45	No	---	---	No	No
9	EMERGING TRENDS IN ELECTRIC VEHICLE TECHNOLOGY- EXPERT TALK	Innovation	Workshop	Department of Electrical and Electronics Engineering	Educational Institute	09-03-2020 00:00:00	09-03-2020 00:00:00	1	65	1	66	No	---	---	No	No

Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

No Data Filled!

Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Hand-on training in CNC Lathe Smartturn	Entrepreneurship/Startup	FDP in I&E / IPR	MECHANICAL ENGINEERING	05-04-2019	16-04-2019	12	Offline	8	33
2	Hand-on training in Swarm Robotics	Innovation	Employment Generation Training Programs	Electronics and Communication Engineering	04-03-2020	07-03-2020	4	Offline	33	32
3	Blockchain-Enabling revolution	Entrepreneurship/Startup	FDP in I&E / IPR	IEDC-SSET	27-08-2019	30-08-2019	4	Offline	43	30
4	Get introduced with the flavours of programming through C PLUS PLUS	Innovation	Employment Generation Training Programs	COMPUTER SCIENCE AND ENGINEERING	13-01-2020	16-01-2020	4	Offline	46	30
5	Software engineering using Agile method	Entrepreneurship/Startup	Employment Generation Training Programs	IEDC-SSET	20-08-2019	23-08-2019	4	Offline	35	30

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20
1	Dr. Sunil Jacob	Centre for Robotics	Director	No	No
2	Dr. Ratish Menon	Department of Civil Engineering	Associate Professor	No	No
3	Dr. Vidya Chandran	Department of Mechanical Engineering	Associate Professor	No	No
4	Mr. Vinoj P G	Department of Electronics and Communication Engineering	Assistant Professor	No	No
5	Dr. Jenson Joseph	Department of Mechanical Engineering	Assistant Professor	No	No
6	Ms. Hazel Elza John	Department of Electronics and Communication Engineering	Assistant Professor	No	No
7	Mr. Jose Sheril D Cotha	Department of Mechanical Engineering	Assistant Professor	No	No
8	Mr. Sujay K	Department of Automobile Engineering	Assistant Professor	No	No
9	Mr Vipinraj P G	Department of Automobile Engineering	Assistant Professor	No	No
10	Mr Aravind P V	Department of Automobile Engineering	Assistant Professor	No	No

Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	SAEINDIA COLLEGIATE CLUB OF SCMS	Idea Club	2008	Co-working Space	Centre of Excellence with Advance Tools	5	BASIL JOHN	basiljohn1998@gmail.com	9745344199
2	TORQUE - AUTOMOBILE ASSOCIATION OF SCMS	Idea Club	2004	Co-working Space	Centre of Excellence with Advance Tools	6	ANEESH MENON	aneevas1999@gmail.com	9810176897
3	EXPLORA	Idea Club	2009	Co-working Space	Centre of Excellence with Advance Tools	3	JOYAL P JOSE	joyaljosepanakunnel@gmail.com	7594025849
4	SYNERGY	Innovation Club	2005	Co-working Space	Centre of Excellence with Advance Tools	9	GANESH BABU	gbabu387@gmail.com	7715025072
5	CYSGEN	Idea Club	2016	Co-working Space	Centre of Excellence with Advance Tools	1	VISHNU RAMESH	vishnuramesh19@gmail.com	9544340238
6	Innovative Software Cell	Innovation Club	2016	Co-working Space	Centre of Excellence with Advance Tools	3	NIKIL S KUMAR	Nikilskumar4444@gmail.com	9535738555
7	KBA	Innovation Club	2019	None	Centre of Excellence with Advance Tools	3	ABHIRAM T	abhiram.thulasi02@gmail.com	9400831445

Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?						
1	Ideation and Prototyping Centre	Innovation Centre	2020	Co-working Space, 3D Printing & Prototype Equipment	Centre of Excellence with Advance Tools	Centre of Excellence with Advance Tools	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>VINOJ P G</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vinojpg@scmsgroup.org</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>944627628</td> </tr> </table>	Facility Incharge Name	VINOJ P G	Facility Incharge Email	vinojpg@scmsgroup.org	Facility Incharge Phone	944627628	4	No	No	No
Facility Incharge Name	VINOJ P G																
Facility Incharge Email	vinojpg@scmsgroup.org																
Facility Incharge Phone	944627628																

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
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Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

1	SCMS Centre For Robotics	2017	Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>DR. SUNIL JACO B</td> </tr> <tr> <td>Facility Incharge Email</td> <td>suniljacob@scmsgroup.org</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94957 03409</td> </tr> </table>	Facility Incharge Name	DR. SUNIL JACO B	Facility Incharge Email	suniljacob@scmsgroup.org	Facility Incharge Phone	94957 03409	4	No	No	No
Facility Incharge Name	DR. SUNIL JACO B														
Facility Incharge Email	suniljacob@scmsgroup.org														
Facility Incharge Phone	94957 03409														

Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

No Data Filled!

Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

No Data Filled!

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr. Ratish Menon	Associate Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
2	Dr. Sunil Jacob	Director	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
3	Dr. Sunil Jacob	Director	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
4	Dr. Sunil Jacob	Director	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
5	Dr. Sunil Jacob	Director	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

6	Dr. Sunil Jacob	Director	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
7	Dr. Sunil Jacob	Director	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
8	Dr. Sunil Jacob	Director	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)

Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

No Data Filled!

Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/ Startup/ SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019		
1	Smart Switching Toilet	Service Innovation	Technological	PROTOTYPING CENTRE	Student-Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Development Completed	No	No	<table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Grant Amount in Rs</td> <td style="width: 30%; text-align: center;">203166</td> </tr> </table>	Grant Amount in Rs	203166	No	No
Grant Amount in Rs	203166														
					Name		Type		Gender		Email		Contact		
					Dr. Sunil Jacob		Faculty		Male		suniljacob@scmsgroup.org		9495703409		

2	Paddy planting using Swarm Robotics	Service Innovation	Technological	Ideation and prototyping Centre	Student-Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Development Completed	Agency Name	K-DISC	No	No	No	No
								Agency Type	Govt. Agency (State)					
								Award / Position / Recognition Secured	Best Innovative Idea for YIP 2019-22					

Name	Type	Gender	Email	Contact
Dr. Sunil Jacob	Faculty	Male	suniljacob@scmsgroup.org	9495703409

Name	Type	Gender	Email	Contact
Vinoj P.G	Faculty	Male	vinojpg@scmsgroup.org	9446276238

3	Weather Station	Product Innovation	Technological	Ideation and prototyping Centre	Student-Faculty	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Ongoing	No	No	60000	No	No
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Name	Type	Gender	Email	Contact
Dr. Sunil Jacob	Faculty	Male	suniljacob@scmsgroup.org	9495703409

Name	Type	Gender	Email	Contact
Dr. Saira Joseph	Faculty	Female	saira_joseph@scmsgroup.org	9846519453

4	Snake Robot	Product Innovation	Technological	Ideation and prototyping Centre	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 50000	No	No
Name		Type			Gender		Email		Contact				
Dr. Sunil Jacob		Faculty			Male		suniljacob@scmsgroup.org		9495703409				
5	Humanoid	Product Innovation	Technological	Ideation and prototyping Centre	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 50000	No	No
Name		Type			Gender		Email		Contact				
Dr.Sunil Jacob		Faculty			Male		suniljacob@scmsgroup.org		9495703409				

Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

No Data Filled!

Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

No Data Filled!

Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

No Data Filled!

Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

No Data Filled!

Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Filled!

Declaration

To,
The ARIIA Committee
MHRD's Innovation Cell
New Delhi

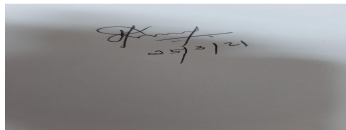
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Praveensal C J (Head of Institute) and Dr. Anitha G Pillai (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

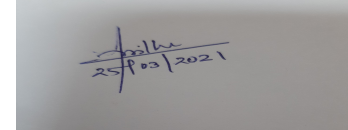
Thank you

The Head of Institute



Dr. Praveensal C J
Head of the Institution,
Kochi, Kerala

Nodal officer



Dr. Anitha G Pillai
Nodal Officer,
Kochi, Kerala

Responsibility for accuracy and authenticity of data lies with the concerned institution.